

WHAT IS CLAIMED IS

- Sub. A5
1. A quick release/connection arrangement for a seat, comprising:  
a seat receiving structure having recessed portions adapted to receive a pair of elongate members which form part of a frame of the seat;  
a lever operated rotatable locking element is rotatably supported on the seat structure receiving member and selectively rotatable between a first position wherein engagement with the elongate members is absent and wherein the pair of elongate members are removable from the seat structure receiving member, and a second position wherein elongate members are engaged and locked in position on the seat structure receiving member.
  2. A quick release/connection arrangement as set forth in claim 1, further comprising:  
a base member on which said seat receiving structure is pivotally supported; and  
resilient biasing arrangement which operatively interconnects the seat receiving structure with the base member and which biases the seat receiving structure to normally assume a predetermined orientation with respect to said base member to enable a user to sway from side to side in a natural manner as the seat moves relative to the base member.
  3. A quick release/connection arrangement as set forth in claim 1, further comprising:  
a clamp operatively interconnecting said base member and a chassis of a device, said clamp comprising:  
a first clamp member which is rigidly connected to the base member and a second clamp member which is rigidly connected with the chassis,  
a cam arrangement for normally forcing the first and second clamp members into locking engagement with each other and for selectively permitting sufficient play between the first and second clamp members to allow the relative movement therebetween.
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4. A quick release/connection arrangement as set forth in claim 3, wherein said cam arrangement comprises a lever which is rotatably supported on a shaft which is disposed through apertures respectively formed the first and second clamp members and which is

operatively connected with the first clamp member, said lever having a cam surface formed thereon proximate an axis about which said lever is rotatable with respect to the shaft, the cam surface being engageable with a surface which is stationary with respect to the second clamp member to produce a reaction which forces the first and second clamp members together into locking engagement with one another.

5. A quick release/connection arrangement as set forth in claim 1, wherein said seat receiving structure comprises a platform in which said recessed portions are formed, and in which detents are provided to resist movement of the elongate members of the seat frame out of the passage structures with a predetermined force.

6. A mounting arrangement for a seat comprising:  
a seat receiving platform which is pivotally supported on a base member; and  
a resilient biasing member operatively interconnecting the platform and the base member to permit a limited amount of pivotal movement of the platform with respect to the base member.

7. A mounting arrangement as set forth in claim 6, further comprising: a lever operated locking element mounted on the platform which is movable between a first position wherein a seat can be readily removed from the platform, and a position wherein the seat is immovably locked onto the platform, and a lever operated clamp which interconnects the base member and a chassis of a device operated locking element which is movable between a first position wherein a seat can be readily removed from the platform, and a position wherein the seat is immovably locked onto the platform.

8. A mounting arrangement for a seat comprising:  
a seat receiving platform which is pivotally supported on a base member;  
a lever operated locking element mounted on said platform and movable between a first position wherein a seat can be readily removed from the platform, and a second position wherein the seat is immovably locked onto the platform; and

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a lever operated clamp which interconnects the base member and a chassis of a device.

9. A mounting arrangement as set forth in claim 8, wherein said lever operated clamp comprises:

first and second clamp elements which are respectively rigidly connected with a base member and a chassis of a device;

a shaft which passes through one of the first and second clamp elements and which is engageable with another of the first and second clamp elements;

a lever operatively engaged with the shaft and arranged to be movable to a clamping position wherein it applies a force to the shaft and forces the first and second clamp elements into locking engagement with one another.

10. A mounting arrangement as set forth in claim 9, wherein said lever is formed with a cam surface which engages a predetermined surface when the lever is rotated to the clamp position, and which displaces the shaft through the engagement and forces the first clamp element into engagement with the second clamp element.

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